

Express Mail No. EV343589463US

Attorney Docket No. 108298740US

Disclosure No. 02-1418

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Form PTO-1449 (Modified) (Use several sheets if necessary)				COMPLETE IF KNOWN	
				Application Number	
				Confirmation Number	
				Filing Date	
				First Named Inventor	
				Group Art Unit	
Examiner Name					
Sheet	1	of	2	Attorney Docket No.	108298740US

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
HN		4,988,188		Ohta	01/29/1991	
		5,142,132		MacDonald et al.	08/25/1992	
		5,194,893		Nishi	03/16/1993	
		5,300,971		Kudo	04/05/1994	
		5,436,464		Hayano et al.	07/25/1995	
		5,602,620		Miyazaki et al.	02/11/1997	
		5,631,721		Stanton et al.	05/20/1997	
		5,684,566		Stanton	11/04/1997	
		5,907,392		Makinouchi	05/25/1999	
		5,969,800		Makinouchi	10/19/1999	
		6,084,244		Saiki et al.	07/04/2000	
		6,188,464	B1	Makinouchi	02/13/2001	
		6,215,578	B1	Lin	04/10/2001	
		6,251,550	B1	Ishikawa	06/26/2001	
		6,259,513	B1	Gallatin et al.	07/10/2001	
		6,285,440	B1	Takahashi	09/04/2001	
		6,291,110	B1	Cooper et al.	09/18/2001	
		6,379,867	B1	Mei et al.	04/30/2002	
		6,392,740	B1	Shiraishi et al.	05/21/2002	
		20030044693	A1	Boettiger et al.	03/06/2003	
		20030044701	A1	Boettiger et al.	03/06/2003	
HN		6,577,379	B1	Boettiger et al.	06/10/2003	

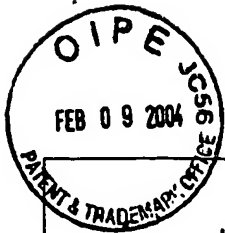
EXAMINER	<i>H. Nguyen</i>	DATE CONSIDERED	<i>9/2/2004</i>
*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).			

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Form PTO-1449 (Modified) (Use several sheets if necessary)				COMPLETE IF KNOWN	
				Application Number	
				Confirmation Number	
				Filing Date	October 14, 2003
				First Named Inventor	Jeffrey L. Mackey
				Group Art Unit	
Examiner Name					
Sheet	2	of	2	Attorney Docket No.	108298740US

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No.	Foreign Patent or Application			Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	NUMBER	Kind Code (if known)				
HN		JP	11-231234	A	Asahi Optical Co. Ltd.	08/27/1999		

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city and/or country where published.		T
HN		Optics.org, "Micronic and Fraunhofer Develop New Pattern Generators," 1 page, December 10, 1999, < http://www.optics.org >.		
		FUKUDA, H. et al., "Improvement of defocus tolerance in a half-micron optical lithography by the focus latitude enhancement exposure method: Simulation and experiment," J. Vac. Sci. Technol B., Vol. 7 No. 4, Jul/Aug 1989, pp. 667-674.		
		Texas Instruments Incorporated, "What the Industry Experts Say About Texas Instruments Digital MicroMirror Display (DMD) Technology," 2 pages, June 1994.		
		FARSARI, M. et al., "Microfabrication by use of a spatial light modulator in the ultraviolet: experimental results," Optics Letters, Vol. 24, No. 8, pp. 549-550, April 15, 1999; Optical Society Of America, Washington, DC.		
		Hamamatsu Photonics K.K., "PPM - Programmable Phase Modulator," 4 pages, September 2000, < http://www.hamamatsu.com >.		
		CRL Opto Limited, LCS2-G Datasheet, 4 pages, 2002, < http://www.cropto.com/products/datasheets/files/LCS2-datasheet.pdf >.		
		Boulder Nonlinear Systems, "Liquid Crystal Rotators - Ferroelectric and Nematic," 2 pages, < http://www.bnonlinear.com/papers/rotators.pdf >.		
		Boulder Nonlinear Systems, "Liquid Crystal Shutters / Variable Optical Attenuators - Ferroelectric and Nematic," 2 pages, < http://www.bnonlinear.com/papers/shutters.pdf >.		
		Boulder Nonlinear Systems, "512x512 Multi-level/Analog Liquid Crystal Spatial Light Modulator," 2 pages, < http://www.bnonlinear.com/papers/512SLM.pdf >.		
		Boulder Nonlinear Systems, "256x256 Multi-level/Analog Liquid Crystal Spatial Light Modulator," 2 pages, < http://www.bnonlinear.com/papers/256SLM.pdf >.		
		Digital Optics Corporation, "Pattern Generators," 1 page, 2002, retrieved from the Internet on July 30, 2003, < http://www.digitaloptics.com/products_ind.asp?pid=55 >.		
HN		Micro-Optics, Inc., "Polarization Maintaining Faraday Rotator (PMFR)," 1 page, retrieved from the Internet on July 30, 2003, < http://www.microopticsinc.com/PMFR.html >.		

EXAMINER <i>H. Nguyen</i>	DATE CONSIDERED <i>9/2/2004</i>
*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).	



Attorney Docket No. 108298740US
Disclosure No. 02-1418

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
Form PTO-1449 (Modified)
(Use several sheets if necessary)

COMPLETE IF KNOWN

Application Number	10/684,794
Confirmation Number	4238
Filing Date	October 14, 2003
First Named Inventor	Jeffrey L. Mackey
Group Art Unit	2878
Examiner Name	(To Be Assigned)
Attorney Docket No.	108298740US

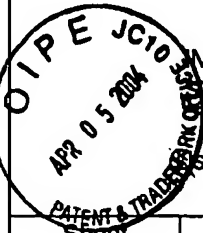
Sheet	1	of	1
-------	---	----	---

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
HW		5,661,546		Taniguchi	08/26/1997	
HW		5,721,608		Taniguchi	02/24/1998	
HW		5,796,467		Suzuki	08/18/1998	

BEST AVAILABLE COPY

EXAMINER <i>H. Nguyen</i>	DATE CONSIDERED <i>9/2/2004</i>
*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to application(s).	

 <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT Form PTO-1449 (Modified) (Use several sheets if necessary)</p>				COMPLETE IF KNOWN	
				Application Number	10/684,794
				Confirmation Number	4238
				Filing Date	October 14, 2003
				First Named Inventor	Jeffrey L. Mackey
				Group Art Unit	2851
Examiner Name	Peter B. Kim				
Sheet	1	of	1	Attorney Docket No.	108298740US

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NUMBER	Kind Code (if known)			
Hw		6,084,244		Saiki et al.	07/04/2000	

EXAMINER <i>H. Nguyen</i>	DATE CONSIDERED <i>9/2/2004</i>
<p>*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance <u>and</u> not considered. Include copy of this form with next communication to application(s).</p>	